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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/843,161	04/25/2001	Jeremy Sommer	SYMM:031/10100391

CONFIRMATION NO. 8582

FORMALITIES LETTER



OC000000006233475

FULBRIGHT & JAWORSKI L.L.P.
A REGISTERED LIMITED LIABILITY PARTNERSHIP
600 CONGRESS AVENUE, SUITE 2400
AUSTIN, TX 78701



Date Mailed: 06/27/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$698.
 - \$378 for 21 total claims over 20.
 - \$320 for 4 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1538.**

ES/PS 5.5
D-20-2002

*A copy of this notice **MUST** be returned with the reply.*

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Jeremy Sommer, et al.
Serial No.: 09/843,161
Filed: April 25, 2001

For: LONG SUBSCRIBER LOOPS USING
AUTOMATIC GAIN CONTROL

Group Art Unit: 2661
Examiner: Unknown
Atty. Dkt. No.: SYMM:031US/JJB



CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231, on the date below:	
December 27, 2001	John J. Bruckner
Date	Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL
APPLICATION FILED UNDER 37 C.F.R. 1.53(b)**

BOX MISSING PARTS
Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application Under 37 C.F.R. § 1.53(b), dated June 27, 2001, there are enclosed herewith:

- (a) Five Declarations executed on behalf of Jeremy Sommer, Kishan Shenoi, Kamila Kraba, Sandro Squadrito, and Gary Bogardus;
- (b) A Power of Attorney on behalf of Symmetricom, Inc.;



(c) Our check in the amount of \$3024.00 to cover the basic filing fee (\$740.00 - utility large entity); surcharge for late filing (\$130.00); additional claims fee (\$714.00); four month extension of time fee (\$1440.00); and

A copy of Notice to File Missing Parts of Nonprovisional Application Filed Under 37 C.F.R. 1.53(b)-Filing Date Granted.

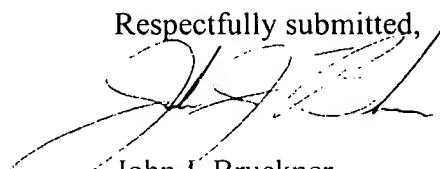
(e) A Request for Extension of Time of four months to and including December 27, 2001. Should such request be absent, consider this such a request and authorization to withdraw the appropriate fee under 37 C.F.R. §§ 1.16 to 1.21 as stated below.

An Assignment to Symmetricom, Inc. and a check for \$40.00 are being filed under separate cover.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included herein, the Commissioner is authorized to deduct or credit said fees from or to Fulbright & Jaworski Deposit Account No.: 50-1212/10100391/JJB.

Please date stamp and return the accompanying postcard to evidence receipt of these documents.

Respectfully submitted,



John J. Bruckner

Reg. No. 35,816

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: December 27, 2001

W-6
1 DEC 12
J. Bruckner
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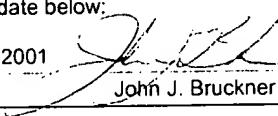
December 27, 2001

FILE: SYMM:031US

CERTIFICATE OF MAILING
37 C.F.R 1.8

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December 27, 2001
Date


John J. Bruckner

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Commissioner for Patents
Washington, DC 20231

RE: *U.S. Patent Application No. 09/843,161 entitled "LONG SUBSCRIBER LOOPS USING AUTOMATIC GAIN CONTROL" – by Jeremy Sommer, et al.*

Sir:

Please find enclosed:

- (1) A Response to Notice to File Missing Parts of Nonprovisional Application filed under 37 C.F.R. 1.53(b) mailed June 27, 2001;
- (2) Five Declarations;
- (3) Power of Attorney;
- (4) Request for Extension of Time;
- (5) Copy of Notice to File Missing Parts of Nonprovisional Application filed under 37 C.F.R. 1.53(b)-Filing Date Granted;
- (6) Supplemental Information Disclosure Statement;
- (7) Form PTO-1449;
- (8) References A8-A11;
- (9) Check in the amount of \$3024.00; and

Commissioner for Patents
December 27, 2001
Page 2

(10) A return postcard to acknowledge receipt of these materials. Please date stamp and mail this postcard.

If the check is inadvertently omitted, or the amount is insufficient, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included herein, the Commissioner is authorized to deduct or credit said fees from or to Fulbright & Jaworski Deposit Account No.: 50-1212/10100391/JJB.

Respectfully submitted,

John J. Bruckner
Reg. No. 35,816

JJB/mar
Encl: as noted